



Instrument Sales and Service is a family owned growing 60 year old company with its Fleet Business Unit headquartered in Denver, CO. Other strategic locations include Seattle, Phoenix and our corporate offices in Portland, Oregon, with additional West Coast presence in Boise, Tucson and Las Vegas.

ISS, originally begun as a gauge manufacture and distributor, we have expanded into a variety of segments in the automotive and transportation industries. Our focus is directed into five specific business units, each with a unique segment of the market. Each unit has a Business Unit Manager that reports directly to the President, and is staffed with both a Sales and Operations Manager and support team including engineering.

Listed below is a brief description of each unit and the market they represent.

- **The Fleet Business Unit** is responsible for providing the diesel emission and idle reduction technologies verified by the EPA/CARB and endorsed by the UDAQ for school districts in the State of Utah.

The Fleet Business Unit has been engaged in providing “Emission Solutions” for over five years, working on hundreds of projects including; diesel fired power generators, construction and private fleets, cargo handling vehicles in air and sea ports, municipal service fleets, refuse trucks, transit and school bus fleets effecting thousands of vehicles and pieces of equipment in the continental US and Canada.

- **The OEM Business Unit** is a tier one supplier of instrumentation to General Motors and provides custom engineered solutions to many other national original equipment manufacturers including Harley Davidson, and Allison Transmissions.
- **The Wholesale Business Unit** distributes a full line of products from gauges, switches, lighting and complete heavy-duty air conditioning systems to a traditional wholesale customer base. Our Customer Service Department receives hundreds of calls daily for our products, training and technical support.
- **The Dealer Services Business Unit GM** is one of the remaining remanufacturing centers for GM radios and clusters in the US. Dealerships are calling us daily for repair, exchange and sound system upgrades for their customers.
- **The Dealer Services Business Unit Visteon** is a Ford Motor Company electronic product remanufacturer, sales, service and installation facility.

Our customer base is as diverse as we are with customers in all 50 states, many in Canada and over 20 other countries worldwide. All business units' procedures are documented and regulated by our ISO:2000 and ISO/TS 16949:2002 certifications, which govern all processes and are regularly reviewed by a third party auditor.



Instrument Sales and Service is proud to be a partner with UDAQ and the participating school districts, Kane, Piute, Garfield, Wayne and Washington in Southern Utah and in previous projects ISS has also provided emission reduction technologies to the Davis and Cache School Districts.

Recently health experts in the US, have identified serious health risks associated with emissions from diesel engines.

- Emissions from diesel engines contribute to serious public health problems in the US. These problems include premature mortality, aggravation of respiratory and cardiovascular disease, aggravation of existing asthma, acute respiratory symptoms, chronic bronchitis, and decreased lung function. Numerous studies also link diesel exhaust to increased incidence of lung cancer.
- On-road diesel fueled vehicles contribute approximately 62.5 percent of the PM emissions.
- An older, dirtier diesel vehicle can emit almost 8 tons of pollution per year. This amounts to 160 to 240 tons of pollution over the life of the engine.
- A heavy-duty truck can create the same amount of air pollution as 150 passenger cars.

By providing and installing equipment to reduce School Bus pollution children are shielded from diesel engine pollutants.

Reduction of idle emissions when children are present and most susceptible to the adverse effect of emissions is a primary objective of this project as well as the pollutions from the buses while in route.

The current approach is to affect as many school buses as possible with the funding available today and of course to secure future funding so that retrofits of these systems can be accomplished to the benefit of all children statewide.

ISS has included for this packet additional product information and findings from a recent study conducted by the University of California, Riverside's College of Engineering Center for Environmental Research and Technology.